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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,261	01/30/2004	Fujihito Numano	04329.3234	4857

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WASHINGTON, DC 20001-4413

EXAMINER

SAID, MANSOUR M

ART UNIT	PAPER NUMBER
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2629

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/08/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/767,261	Applicant(s) NUMANO, FUJIHITO	
	Examiner MANSOUR M. SAID	Art Unit 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. §.133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>1/30/04 & 2/1/06</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Chin et al. (6,670,950 B1; hereinafter referred to as Chin).**

As to claim 1, Chin teaches an information processing apparatus (portable computer, (figure 4, (40)) comprising: a first display device (main LCD panel, (figure 4, 42)); a second display device (auxiliary LCD panel, (figure 4, (48))); and a display controller (video controller, figure 8, (83)) which displays, on the second display device (auxiliary LCD panel, (figure 4, (48))), an operation window regarding information displayed on the first display device (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 2 and 12, Chin teaches wherein the second display device (auxiliary LCD panel, (figure 4, (48))) comprises a touch screen (touch screen, (figures 4-5, & 6, (48 a)) function integrally provided with a tablet (column 5, lines 1-45; and the display controller displays (video controller, figure 8, (83)), on the second display device, a second operation window including all or part of a first operation window regarding the information displayed on the first display device, whereby the second operation window can be operated by a touch operation (figures 4-

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11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 3 and 13, Chin teaches wherein the display controller displays (video controller, figure 8, (83)), on the second display device (auxiliary LCD panel, (figure 4, (48))), the second operation window in accordance with a given condition (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 4 and 14, Chin teaches wherein the first display device (main LCD panel, (figure 4, 42)) displays a first operation window regarding information displayed on the first display device (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12), the second display device (auxiliary LCD panel, (figure 4, (48))) displays a second operation window including all or part of the first operation window device (auxiliary LCD panel, (figure 4, (48))); and the display controller (video controller, (figure 9, (76 & 83))) makes the first and second display device display the second and first operation windows, whereby the first operation window can be operated by a touch operation (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 5 and 15, Chin teaches wherein the first display device (main LCD panel, (figure 4, 42)) displays a first operation window regarding information displayed on the first display device (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12), the second display device (auxiliary LCD panel, (figure 4, (48))) comprises a touch screen (touch screen, (figures 4-5, & 6, (48a)) function integrally provided with a tablet (column 5, lines 1-45 and column 6, lines 29-67); and the display controller displays (video controller, figure 8, (83)) , on the second display device, the first operation window, whereby the first operation window can be operated by a touch operation (figures 4-11, column 5, lines 1-45, column 6, lines

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29-67 and column 7, lines 1-12).

As to claims 6 and 16, Chin teaches wherein the display controller displays (video controller, figure 8, (83)), on the second display device (auxiliary LCD panel, (figure 4, (48))), the first operation window, when the first display device displays a full-screen image (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 7 and 17, Chin teaches wherein the second display device (auxiliary LCD panel, (figure 4, (48))), comprises a touch screen (touch screen, (figures 4-5, & 6, (48a)) function integrally provided with a tablet (column 5, lines 1-45 and column 6, lines 29-67); and the display controller displays (video controller, figure 8, (83)), on the second display device auxiliary LCD panel, (figure 4, (48))), a second operation window including all or part of first operation windows regarding the information displayed on the first display device, whereby the second operation window can be operated by a touch operation (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 8 and 18, Chin teaches wherein the second display device (auxiliary LCD panel, (figure 4, (48))), comprises a touch screen (touch screen, (figures 4-5, & 6, (48a)) function integrally provided with a tablet (column 5, lines 1-45 and column 6, lines 29-67); and the display controller (video controller, figure 8, (83)) displays, on the second display device (auxiliary LCD panel, (figure 4, (48))), one of hierarchized second operation windows including all or part of a first operation window regarding the information displayed on the first display device, whereby the second operation window can be operated by a touch operation (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-12).

As to claims 9 and 19, Chin teaches wherein the second display device (auxiliary LCD

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panel, (figure 4, (48)) comprises an operation member which canceling display of the operation window; and the display controller returns the second display device to a state before the operation window is displayed in accordance with an operation of the operation member (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-67).

As to claims 10 and 20, Chin teaches wherein the display controller (figure 9, (76 & 83)), when the operation window regarding information on an application program displayed on the first display device (main LCD panel, (figure 4, (42))) is displayed on the second display device, returns the second display device (auxiliary LCD panel, (figure 4, (48))) to a state before displaying the operation window in accordance with termination of the application program (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-67).

As to claim 11, Chin teaches a method of displaying an operation window (figures 4-5, column 4, lines 51-67 and column 5, lines 1-45) comprising: displaying information on a first display device (main LCD panel, (figure 4, (42))); and displaying, on a second display device (auxiliary LCD panel, (figure 4, (48))), an operation window regarding the information displayed on the first display device (figures 4-11, column 5, lines 1-45, column 6, lines 29-67 and column 7, lines 1-67).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hogle, IV (5,923,307) teaches a computer system arranges multiple monitors.

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Grewer et al. (5,926,165) teach method and device for the display of images from a group of images.

Herz (6,407,779 B1) teaches bidirectional communications between the remote control and at least one of the audio/video devices.

Gillespie et al. (2005/0024341 A1) teaches a plurality of icons on the touch screen.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mansour M. Said whose telephone number is 571-272-7679. The examiner can normally be reached on Monday through Thursday from 8:30-6:00 P.M. The examiner can also be reached on alternate Friday from 8:30 a.m. to 5:00 p.m. EST. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard A. Hjerpe whose telephone number is 571-272-7681.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to: 571-273-8300 (for Technology Center 2600 only)

Hand-delivered responses should be brought to the Customer Service Window at the Randolph Building, 401, Dulany Street, Alexandria, VA 22314.


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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mansour M. Said

3/1/07



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600